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THE LEHIGH BURR.

VOLUME 9.

1889-'90.



EDITORS.



Asa Emory Phillips, '90, Editor-in-Chief.

C. Herbert Miller, '90, Business Manager.

Edwin J. Prindle, '90, John S. Riegel, '90,
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Charles W. Meade, '92.

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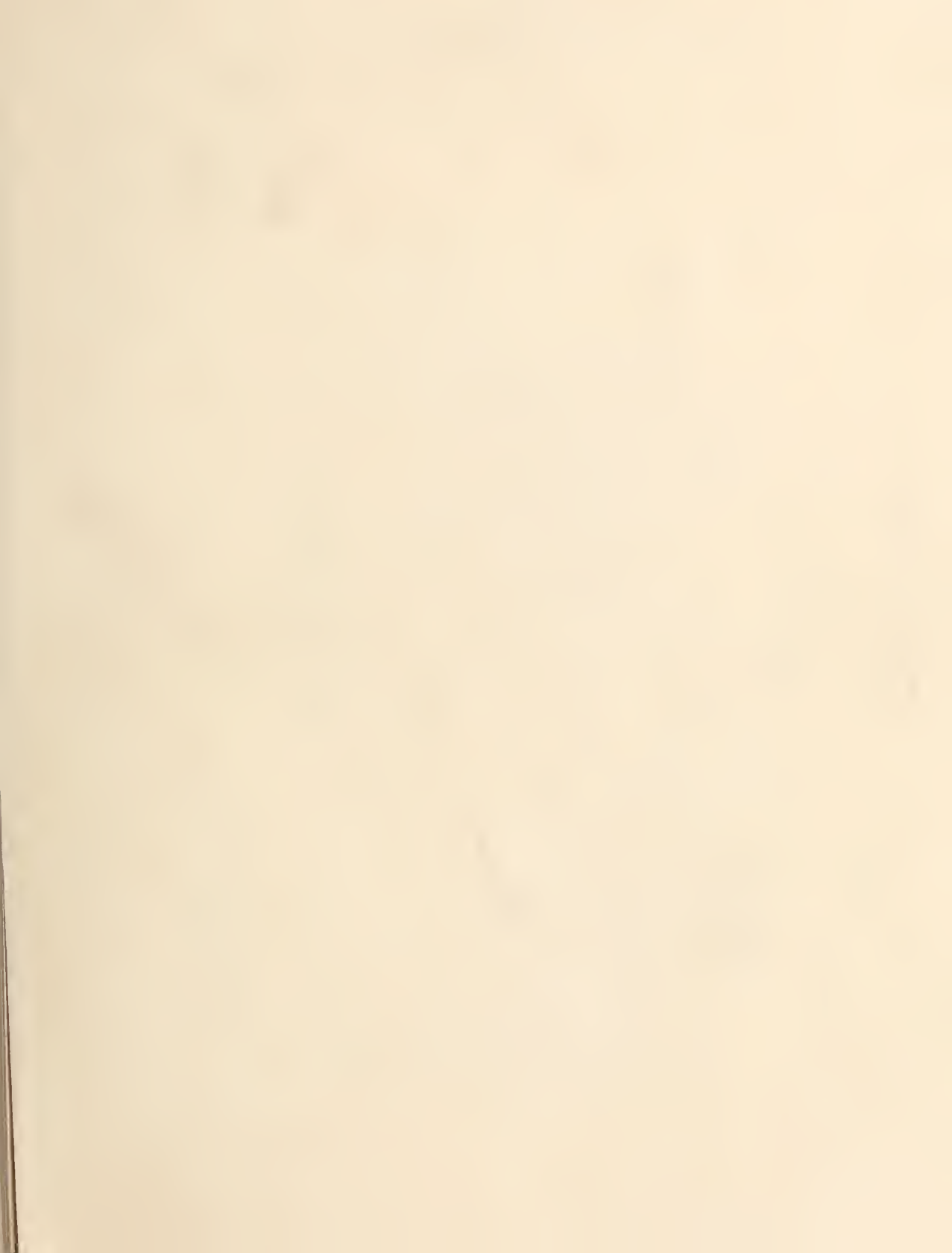
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THE LEHIGH BURR.

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No. 2

THE LEHIGH BURR,

PUBLISHED SEMI-MONTHLY, DURING THE COLLEGE YEAR, BY THE STUDENTS
OF THE LEHIGH UNIVERSITY.

EDITORS:

ASA E. PHILLIPS, '90, *Editor-in-Chief.*

C. HERBERT MILLER, '90, *Business Manager.*

JOHN S. RIEGEL, '90, EDWIN J. PRINDLE, '90.

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FOR the proper support of the Foot-Ball Team, or any other organization, it is not enough that men shall enter their names pledging a certain sum for this purpose, but also they must pay these subscriptions—and that as early as possible. It should be an easy matter to obtain liberal support for such an excellent team as we have, a thing of personal concern to everyone, and it is to be hoped there will be no ground for further complaint.

THE attention of the new men is called to the University Athletic Association and to the general advisability of becoming members at once. The annual dues are exceedingly small, while the mere monetary benefits, by reason of the privileges given, are considerable. But this is perhaps the least motive for becoming members. It is very desirable that the Association continue to be representative of the University, and all the new men interested in Lehigh's welfare in athletics should join. Tickets of membership may be obtained by applying to any member of the Executive Committee.

THE great number of new students this year revives most forcibly the old problem of the University's financial needs. All departments complain of a lack of a sufficient number of instructors, and the recent change in the roster by which certain classes in Mathematics recite as late as four o'clock in the afternoon renders this doubly apparent. The reputation of the University is sufficient to ensure the support of public spirited men generally, and we cannot but think if pains were only taken to make her needs known, abundant assistance would be forthcoming.

THERE has been a marked falling off in the feeling of rivalry among the classes, in general athletics during the last few years, and something should be done to overcome this, for there is no greater spur to urge the younger men on than warm class feeling. The Athletic Association should offer a pennant or cup as a permanent trophy to the class winning the greatest number of events. This would greatly stimulate interest in the regular meeting, and could scarcely fail in producing highly satisfactory results. The mid-winter indoor meetings, which were so successful a year or two ago, are rapidly becoming dull and lifeless contests because of lack of general interest, which a class trophy would tend to create.

THE condition of the Athletic Association was the source of considerable comment in these columns and elsewhere during the year just passed, and it is to be hoped the new officers who have been elected will display proper enterprise in eradicating the abuses and laxities which have crept into the administration of this Association which has entire control of Athletics here.

First of all a constitution is needed, for, although nearly a year has elapsed since the

appointment of a committee to draft a suitable one, no report has been rendered and apparently nothing has been done. This is important work and the present disorganized condition of the Association justifies expedition.

THE BURR has frequently demonstrated its interest in this labor, has posted the constitutions of similar college organizations, and is ready and willing to aid in the matter in every way possible. One of the important changes needed in the old constitution is provision for the appointment of an Auditing Committee to which all accounts of athletic teams shall be submitted. The practical necessity for some such thing is obvious to everyone.

DURING the last few years it has been apparent that the addition of a new engineering building to those already on our campus would be very advantageous. With the accession of a large Freshman Class this year, and the probability that succeeding classes will show no diminution in numbers, but rather the contrary, such addition seems an absolute necessity. In the past our trustees have always found means to make improvements as they were required. Our overcrowded halls and recitation rooms bear witness to the fact that enlarged quarters are needed for the accommodation of our student body, and to render necessary additions to our faculty and corps of instructors possible. We think that before long the trustees will realize the truth of this statement, and then we hope our much needed scientific building will be immediately forthcoming.

THE life of the average college man is made up of two distinct parts: the time he devotes to his books, and the time given to athletics and societies. It is curious to note the seeming pains that the authorities of the majority of our colleges and universities take to absolutely ignore this second subdivision of the collegiate life. A number of our colleges allow a prescribed number of absences each

term to their foot-ball and base-ball players, but go no farther. The *Tuftsian* is our authority for stating that at Williams College business managers and the various college organizations, and societies as well, are each allowed two delegates to be absent once a year on "society" business.

Our own Faculty have been uniformly generous in allowing absences, and thus tacitly recognizing, in an official way, the existence of institutions apart from those over which they are accustomed to exercise control. Why do not they openly commit themselves, acknowledge the good effects they have upon the student, both physically and mentally, and assign to them proper limits in their sphere of college usefulness. Exercises in these various pursuits could thus the better be curbed and the two move fraternally and harmoniously, each knowing and recognizing that the other fills a place which the one cannot supply in forming an equally developed man.

WE publish elsewhere some particulars concerning the addition to Packer Hall now in process of erection. Doubtless this was only undertaken after mature consideration, but the reasons for a mere addition instead of an independent building have not been made known. Certainly the plan of altering the appearance of a large, symmetrical building by the attachment of a small one-story structure is not in accordance with well-established principles, and must be at a considerable sacrifice of the architectural design. The absolute necessity for more room is apparent, but it is most unfortunate that such means should be used. College buildings are permanent affairs, and everyone will regret to see so fine a structure as Packer Hall permanently disfigured.

The expedient will but afford temporary relief; one or more new buildings must eventually be erected, and whether the addition of but three rooms, from merely economical considerations justifies this step we are loth to

conclude. But the building is begun, and the opportunity to discuss its advisability is passed. We earnestly hope however the experiment will not be repeated. If we are to have new buildings let them be worthy in design to take a place among the splendid structures already upon the campus.

THOSE old fashioned class memorials which now adorn the walls of the assembly room in Christmas Hall, and which hung for so many years in the old chapel, are beginning to show unmistakable evidences of wear and of decay. These banners—the sole memorials of nearly twenty classes—will, even with the best of care, soon fade, and loosing all traces of their original design become unintelligible emblems of those early years. It becomes a question of considerable importance to those of the Alumni immediately concerned, and, indeed, to all Lehigh men, whether the first classes to graduate from our *alma mater* are to pass into forgetfulness with no visible mark of their existence but a few dingy and fast-fading silken banners.

At best they are poor memorials, and, while there are members of these classes yet living, we hope to see them replaced by something more substantial and enduring.

To this end we would call the attention of the members of the class of '86 and of the previous classes to the custom first established by '87, of erecting on the walls of the memorial church a bronze tablet containing the names of each graduate of that year in heavy *intaglio*. '88 and '89 have followed in the footsteps of '87, erecting tablets similar in size and design, and there is no doubt whatever of the permanence of this excellent custom.

Before it is too late we hope to see placed in the chapel, tablets of every class from the foundation of the University. The idea is entirely practicable and energetic action on the part of the members of these classes is all that is necessary. From every point of view the plan is desirable and without doubt

the University authorities would give it their hearty coöperation.

THE founding of a new institution of learning is no uncommon event in these days, yet, while vast sums are being devoted to the cause of higher education, there is frequently a noticable lack of well matured plans and absence of far sighted wisdom. Universities are inaugurated with no clearly defined purposes, and, falling early under the control of incompetent men, valuable years are wasted before any satisfactory results are obtained, until the very name University has become a word of misapplication and abuse. Cornell and Johns Hopkins are remarkable examples of what may be accomplished by wise organization and development, and the principles announced by the board of trustees of the new Clark University, recently opened at Worcester, promise a like wonderful career for that institution, and certainly deserve passing notice.

The fact that this institution is founded with an avowed renunciation of all religious, social and political affiliations, appeals to the good judgment of everyone. No institution seeking a standard of high excellence can afford to unite itself to sect or cast or party, for such attachment will always produce results most unfortunate, and progress in these matters is not better exemplified than by the great change in individual ideas among our philanthropists. For example, all the older universities are more or less in the hands of the several religious denominations, while now the tendency plainly is to emphatically disavow such connections.

But this is not the only claim of the Clark University to public consideration. The thorough conception of the scope of work to be attempted, the careful thought given to future development and growth, and the earnest purpose to found a *University* in true sense, are eloquent tributes to the wisdom of the founder and his associates.

CALENDAR.

- October 16—Football: Lehigh vs. Haverford at Bethlehem.
 October 19—Football: Lehigh vs. University of Pennsylvania at Philadelphia.
 October 26—Football: Lehigh vs. Cornell at Bethlehem.

THE CANE RUSH.

THAT event of so much importance to lower classmen, the cane rush, occurred on Friday afternoon, October 5. The day was cloudy and to the spectators it seemed chilly, but it was of just the right temperature for those engaged in the struggle. The rush was to have begun at 4.30,² but the start was delayed owing to the lack of a cane. When one had been procured in the shape of a bar of hickory, about five feet long, the two classes lined up in the center of the field at a distance of twenty yards from each other. The cane was between them held by Walker, Rhoads and Mosman for '92, and by Balliet, Randolph and De Haan for '93. '92 had seventy-three men all told, arranged in a solid mass, with the exception of ten who were spread out in a single line in front. '93 was grouped in a compact body of one hundred men, and in addition there were two auxiliary forces, one on either side, with eighteen men in each.

At 5 the pistol was fired. There was a rush, followed by an instant of comparative repose, the two classes seeming to fuse together into one compact, stationary mass. Then began a slow motion in the direction of the Sophomore goal, and men a little the worse for wear came crawling out of the crowd on their hands and knees. They had gone down at the first shock and had been pretty well stepped on. '93 continued to gain until nearly twenty yards had been covered, and then '92 rallying, carried the cane to within five yards of the center, but they could go no further. Back again it went under the influence of '93's superior weight,

remaining for some time near the twenty-five yard line, until '92 in a last desperate rally gained ten yards, and only ten, for now the Freshmen were aroused and they started to rush the stick over the goal line. Yard by yard they gained, '92 fighting desperately all the while and making '93 work for every inch. But the odds were too great for a successful resistance, and at 5.11 the line was crossed. From that time the Sophomores' case was hopeless, yet they struggled grimly on until 5.16, when the cane still being across the line, the Freshmen were declared the winners. When they grew weary of cheering, they began to talk of having their class picture taken on the spot, but this project was wisely abandoned.

Neither class need feel ashamed of its share in the rush. The Sophomores went in determined to win, though knowing that the chances were strongly against them, and they died hard. The Freshmen fought with confidence and in a way that showed what excellent training the previous rushes had afforded them. The struggle on the whole was a fine one, practically free from slugging, with the usual amount of confusion incident to all rushes and unfortunately more than the usual number of accidents.

FOUNDER'S DAY EXERCISES.

ON Thursday, October 10, the celebration in honor of Judge Packer was held in the new chapel. The building was comfortably filled, and the student body was more largely represented than is usual on such occasions. The address was delivered by Dr. Henry Coppée, who produced his usual good impression. His subject was the Physical and Moral Health of Our Students. The programme was as follows:

- Processional Hymn.
- Lesson.
- Prayer.
- Address.
- Hymn.
- Benediction.
- Recessional Hymn.

FOOT BALL.

PRINCETON, 16; LEHIGH, 0.

THE opening of the foot-ball season at Princeton, October 5, was most auspicious. The day was perfect, the field in fine condition and altogether Lehigh played a remarkable game. The merest chance prevented scoring at least twice. Once Warriner, guarded by Dashiell, ran through the entire opposing team, only to be tackled and downed by the full-back within twenty yards of goal. The entire team deserves hearty praise for their splendid work, playing throughout with vim and steadiness, a hard aggressive game.

Captain Warriner won the toss and took the ball, Princeton defending the west goal. The teams lined up, and at 2.40 referee Miller said play. Lehigh tried the V trick, Walker running with the ball, and a small gain was made. The teams lined up quickly and Warriner, by a pretty run, gained five yards. At the second line up, Rafferty tucked the ball under his left arm and started through right centre. He rushed over the next white line, and the next, and before Black and Warren found him, had made over fifteen yards. The ball was now far in Princeton's territory and it seemed as if Lehigh would score in the first five minutes. But Black broke through and Ely lost ground, and the fourth down with nothing gained, gave Princeton the ball; only to loose it immediately failing to make the necessary five yards. Ely slipped through center making five yards, and Warriner kicked on the fourth down, Emery securing the ball. Rafferty again tried right centre and gained ten yards. A hard battle is fought here, and finally the ball goes to Princeton. Black makes five yards, and Ames twenty-five around end. Sharp work gives Lehigh the ball, but Warriner looses it. Ames then punts and Princeton secures the ball. Fine tackling prevents any gain and Ames is forced to kick. The ball is lost to Princeton on four downs and Black rushes it through left center for five yards. Ames makes another

five and then Black five more. Again Ames makes five yards going down to Warriner a yard from the goal line, and at the next line up Black rushes it over. No goal. Good runs soon carry the ball back from the twenty-five yard line and into Princeton's territory. But Ames punts, and time is called with the ball in the center of the field.

After fifteen minutes rest play was resumed, Reese playing right end and Dashiell taking Ely's place. Princeton started off with a V, and breaking through Lehigh's line, Poe guarded by Ames, ran half the field making the second touch down in about one minute. Ames kicked goal. Again play began at center. Hutchinson makes a small gain and is downed by Wood. Princeton secures the ball but Ames fumbles and loses twenty yards on Warriner's fine tackle. The ball now rapidly changes hands neither side gaining ground. After considerable fine punting by Ames and Dashiell the ball is downed on Lehigh's thirty-five yard line in Princeton's hands. Ames gains five yards and Wood five more; then Black rushes through center making Princeton's third and last touch down. Ames kicked goal.

Dashiell punted off and Ames returned to Warriner who is tackled by Wood. After one or two short gains the ball is passed to Warriner who guarded by Dashiell passes the whole Princeton team but the full-back. A touch down now seems certain. Dashiell blocks the full-back off for Warriner to run to the right but he runs to the left, right into the full-back's arms. The ball soon goes to Princeton and is gradually forced back to the center of the field where it remains until time is called.

It was a hard fought contest throughout; Lehigh especially, playing with splendid snap and steadiness. But the half-backs were too slow in getting off with the ball and as usual the rush line failed to guard the runners. The game was characterized however by brilliant individual plays by nearly every man on the



team, and Princeton tackled hard and sure, but Lehigh generally gained ground and the ball was in Princeton's territory a greater portion of the time. The rushers blocked finely and frequently got through but tackled too high.

For Lehigh, Dashiell, Warriner and Rafferty did fine work, while Mercur at centre distinguished himself by efficient service. Ames, Black and Wood did the best work for Princeton. The teams were as follows:

Furness	left end	Deshiell
Hale	left tackle	Rafferty
Janeway	left guard	Coates
Thomas	centre	Mercur
Brown	right guard	Detweiler
Wood	right tackle	Blont
Warren	right end	Emory
Poe	quarter	Walker
Ames (Captain,)	half	(Captain,) Warriner
Black	half	Ely
Lewis	full-back	Hutchinson

Mr. Miller of Princeton acted as referee and Mr. Wilcox of Lehigh umpired.

PRINCETON, 16; LEHIGH, 4.

THE second foot-ball game of the season was played against Princeton, Thursday October 10. The game was called a few minutes after 3 o'clock, with Lehigh facing the East goal and Princeton's ball. The latter made a few yards by means of a "V," and then began a series of short rushes by half-backs Channing and Black, until the ball was within about twenty yards of the Lehigh goal line. Poe then dribbled it to Ames who kicked a goal from the field. Score after 4 minutes play 5 to 0.

The teams again lined up at the centre of the field. The ball was passed to Warriner, who makes a few yards. Warriner runs again and makes five yards. Hutchinson runs but fails to gain. Blont makes a few yards and Dashiell 8 more. Warriner loses the ball, but Lehigh recovers it. The ball is dribbled to Dashiell, who fails to gain. Hutchinson now takes the ball and makes five yards. Lehigh

rushes the ball over the thirty yard line. The ball is fumbled when the teams again line up, but Walker gets it. Dashiell makes ten yards, but on Rafferty's fumble, Poe gets the ball. The ball is now passed to Ames, who makes a beautiful run of twenty-five yards. The ball is again passed to Ames. He makes a long kick down the field, which is returned by Hutchinson. Brown secures the ball, but Reese gets it on Channing's fumble. The game is now characterized by a large amount of kicking on the part of the backs of both sides. Dashiell kicks the ball, and Channing secures it. Ames takes the ball but fails to gain. Dashiell kicks and Princeton secures the ball. Channing runs, but Blont by a fine tackle prevented him from gaining much ground. Channing runs and makes five yards. Ames kicks, and Dashiell secures the ball, is tackled and passes to Hutchinson who runs a few yards and is downed. Emory now makes a fine run of twenty-seven yards. The ball, however, is lost to Princeton and Ames makes fifteen yards. Ames kicks after Channing fails to advance the ball. It falls into Hutchinson's arms, who is downed on the fifteen-yard line. Lehigh kicks. Black secures the ball, and runs within about twenty-five yards of the Lehigh goal. Channing now runs twice but fails to gain appreciably. The ball is passed to Ames, who kicks the second goal from the field. Score: Princeton, 10; Lehigh, 0.

The sides again line up and Lehigh makes seven yards. Dashiell and Coates each make a few yards. Emory fails to gain and the ball goes to Princeton. Black makes five yards. Ames kicks and Warriner catches the ball at the twenty-five yard line. After a series of ineffectual runs, Dashiell kicks. Ames catches the ball and is immediately downed. The ball is dribbled to Ames who fumbles it. After runs by Warriner and Dashiell, the latter kicks. Thomas falls on the ball. Martin gets through the centre and stops Channing's run. Ames now makes an unsuccessful try at goal. Lehigh lines up at the twenty-five yard line.

During the remainder of the half, neither side gains material advantage, and time is finally called with the score remaining 10 to 0 in favor of Princeton. After a few minutes of intermission, play for the second half was started at 3.50 Dashiell kicks after runs by Hutchinson, Blont and Warriner. Lehigh again secures the ball on Ames' kick. Warriner runs and is downed on the fifteen yard line. Dashiell loses two yards, and on the next pass kicks the ball, which is secured by Poe. Black and Channing now begin a series of runs until Ames finally runs from the thirty yard line and scores a touch down. Ames kicks a goal. Score, 16 to 0.

The teams again line up and Lehigh makes ten yards by forming a "V." Blont makes four, and Warriner seven more; Dashiell fails to gain. Walker fumbles the ball, and again there is no gain. Walker passes the ball too high and Lehigh loses twenty yards. Warriner and Dashiell run, but failing to make the necessary advance, the ball goes to Princeton. After runs by Black and Channing, Rafferty gets the ball on a fumble. Warriner makes four, the team makes four more by means of a rush. The ball is now dribbled to Dashiell who is downed on the thirty yard line. Dashiell fumbles and Princeton gets the ball. Lehigh soon gets the ball again on a fumble. After a series of runs Lehigh fails to make and Princeton gets the ball. A few short runs are made by Ames, Black and Poe, and Ames again attempts to kick a goal from the field, but is unsuccessful. The ball is secured by Warriner. It is now rapidly rushed down towards the Princeton goal. Dashiell kicks and Ames secures the ball. Ames kicks, but the ball is blocked and downed on the fifteen yard line. Warriner by a magnificent run from the fifteen yard line makes five yards, and then by another run, places the ball within two yards of the Princeton goal. Princeton now expects to see the ball rushed over, but Warriner takes it instead, and easily scores a touch down, making the

score, Lehigh 4, Princeton 16. Dashiell tries at goal and fails. Lehigh played the remainder of the game with a great deal of snap, and when time was finally called the ball was in her possession with the score unchanged.

On both sides there was a large amount of fumbling done. Both sides kicked the ball to a great extent, but Lehigh almost invariably too high. For Lehigh, Warriner, Dashiell, Hutchinson, and Rafferty did good work. Ames played the game for Princeton. The teams were as follows:

PRINCETON.	POSITION.	LEHIGH.
Thomas	center	Martin
Janeway { . . .	guards	Coates
Brown {		Detweiler
Riggs {	tackle	Rafferty
Woods {		Blont
Furness {	ends	Reese
Warren {		Emery
Poe	quarter-back . .	Walker
Ames	full-back	Hutchinson
Channing { . . .	half-backs . . .	Dashiell
Black {		Warriner

Umpire—Mr. Wagenhurst.

Referee—Mr. R. Harding Davis.

TEN STRONGEST FRESHMEN.

NAME.	STRENGTH.	DEVELOPMENT.	CONDITION.
Balliet, D. M.,	969.6	557.3	412.3
Jones, W. S.,	793.7	492	301.5
Belfield, C. E.,	743.7	511.4	232.3
Sawtelle, E. M.,	690	499.5	190.5
Schotte, A.,	678.5	530.5	148
Chamberlin, G. E.,	646	505.4	141
Hutchinson, G. C.,	629.8	487.8	142
Durfee, C. H.,	625	480.2	144.9
Stackhouse, C. P.,	624.9	503.5	121.4
Sharpe, A. B.,	606.6	532.2	74.4

FOUNDER'S DAY BALL.

FOLLOWING out the old custom, a ball was given in the Gymnasium on the evening of Founder's Day, October 10, and it was even more of a success than in former years. The committee in charge, to whom the success of the affair was largely due, comprised: C. H. Miller, '90; A. K. Reese, '89; E. H. Cox, '91; J. T. Bassell, '92, and E. M. Sawtelle, '93. The music was furnished by Hassler's Orchestra and the refreshment by Trower.

ANITA.

ALL in solitude and silence,
 By the old boat on the strand,
 With the sky and sea about her
 Circling like a tourquois band,
 And the yellow sun of Autumn
 Weaving gold lace of her hair,
 Gazing wistfully to seaward,
 Sits Anita sweet and fair.

With her parasol is toying
 Her petite and slender hand.
 Is she hearing from the ocean,
 Tales borne from a foreign land?
 Are her placid thoughts awand'ring
 Like the sailing thistle down,
 With an artless, aimless freedom
 Till within the sea they drown?

Is she sorry that the season
 Has so fleetly slipped away?
 Does she think of other seasons
 Just as happy, just as gay?
 As she tears a stately astor,
 Resting lightly on her knee,
 Gazing wistfully to seaward,
 Does she ever think of me?

COMMUNICATIONS.

[The editors are not responsible for any opinions expressed in this column. No anonymous communications published.]

EDITORS LEHIGH BURR:—The accession of an increased number of students in the School of General Literature is more inspiring to those who for some years have endeavored, though without much avail, to make of The Agora an energetic literary organization. Last year some good meetings were held, and in order to place the society upon a substantial and lasting basis it is primarily necessary that last year's members should not stand aloof, but give their due support, and secondly, to at once secure the coöperation of all freshmen in literary courses. In order to give an opportunity to those in technical courses, who desire to avail themselves of its advantages, the constitution was so amended and such are now eligible with the usual privileges of associate members. It may also not be generally known that all taking an active and energetic part are excused from essays and declamations upon recom-

mendation of the society's president. It is entirely unnecessary to speak of the benefits accruing to members sincere in their work; that should at least be evident to all. Moreover, laying aside personal benefits, each one reaping the advantages of the University should be animated by enough college spirit to support all her institutions, and especially those which most materially concern him.

ALPHA.

EDITORS LEHIGH BURR:—It is to be regretted that there is such a very marked difference between the courses of Mechanical and Electrical Engineering here at Lehigh. Conversation with men who have had years of experience in the business, leads to the conclusion that a thorough course in Mechanical Engineering is far more preferable than one devoted almost exclusively to Physics. This conclusion is certainly confirmed by Stevens, Cornell, Sheffield and many other schools of recognized standing. The problems to solve belong peculiarly to the mechanical engineer. Besides, a perusal of alumni lists will show that many mechanical engineers are employed by electrical companies. And in business, a good machinist always stands an excellent show of getting a position, all of which goes to show a close relation between the two professions.

Again, I am confident that the first two and a half years of the course, as conducted at present, will not prepare a man particularly for securing a position should he have to discontinue his studies at college. At least fifty or sixty per cent. of those who enter with the Freshman Class will drop out before reaching the Junior year. This argument does not apply to the Mechanical course. The first year's work will give a man a very fair training as a draughtsman, better, I believe, than any provided for in other colleges. The second and third years but prepare him still more efficiently, and he can labor on, confidently knowing that even if he should fail to

continue his studies here, he is still adding greatly to his ability to earn money. L.

EDITORS LEHIGH BURR:—As one compares the number of men who enter a class at the beginning of its course in this and some other technical institutions with the number who graduate from it, he is astonished at the comparatively small number of the latter, and he is led to wonder what is the cause. There are many men who lack sufficient preparation and many others who, having this, still lack the development and application requisite to the successful pursuance of courses in which so rapid progress is made as in this institution; for, although the entrance requirements are comparatively low, a remarkable amount of ground is covered in the short space of four years. As a result, such men as these struggle along under great disadvantage for a few months and are then humiliated and suffer a loss of self-confidence, which is sometimes never regained, by being compelled either to leave college or to drop back into a lower class. The remedy for these evils seems to be to raise the entrance requirements both for age and for scholarship. By this means another evil which our Faculty is striving to eliminate would be reduced, viz.: that of "ponying;" for it is oftentimes the very desperation which a man feels when he sees his foothold in his class failing with the prospect in all cases of a loss of a year from the business career after graduation and frequently the loss of a collegiate education, which leads him to "pony" as a last resort. There can be no doubt, also, that men are injured by being compelled to put forth efforts at times beyond what they are able to stand which would not be necessary, were a larger amount of work required before admission. REX.

EDITORS LEHIGH BURR:—More than a year ago the men of the University unanimously resolved to petition the honorable body of trustees of this institution for

dormitories, and resolutions were drawn up accordingly, stating the advantages that would accrue to the students therefrom, ending with an appeal that our wants in this respect be given earnest consideration. The opening of another college year and foot-ball season reminds us, as we have been similarly reminded in the years that are past, that apparently dormitories are as far distant as ever before. The enthusiastic foot-ballist walks a mile or two as the case may be to the practice grounds with his enthusiasm considerably dampened when the desired destination is reached, just as in former years. That the best results in training cannot be secured under such circumstances is indisputable. But this last consideration—one that has received so much attention in the columns of THE BURR at various times—is not that which prompted this article.

We are frequently exhorted by certain members of the Faculty to be "men," and "manly" in our actions: and yet, when a reasonable petition, signed by every man in the University, is presented for the consideration of our Faculty and Trustees, we are treated as so many children who do not know their needs, and instead of even receiving a stone for the bread we ask, get no response whatever. It is no more than simple justice in the estimations of the writer that the honorable body mentioned above should acquaint us with the result of our petition, and if it has been refused with good reason we are certainly reasonable enough to accept such decision without further comment. R.

EDITORS LEHIGH BURR:—When two years ago, President Lamberton announced the adoption of the 8.5 rule, with which we have since become so familiar, the step was generally conceded to be one in the right direction. After one year's experience with its workings, on opening day in 1888, the President spoke of the signal success of the rule, and it seemed destined to become a per-

manent feature of the University. As the year went on however, some complaints against it began to be heard, and to-day finds the reaction in full swing. In one of the most important departments, that of Civil Engineering, the rule no longer operates, and indications at present point to a partial suspension of it in other quarters.

It is very natural for one to ask what has caused this rather sudden change, or in other words, what are the reasons given to justify it? As advanced by one of the professors, they are many and varied, but a few of the principal ones will suffice by way of illustration and here they are: The 8.5 rule tends to make a man study only with a view to his daily recitations. What he learns is only learnt superficially, and after the recitation is over he forgets it. If he obtains his 8.5, he has passed and yet he may know little of the subject. If on the contrary he is unsuccessful, when he starts to prepare for examination he finds that his knowledge of the matter is scanty and the chances are that he flunks. But when he knows that there will be an examination at the end of the term, he is apt to work with a view to that day, and in such a way that comprehensive study is substituted for daily cramming and a clearer idea of the work is obtained.

Again, term marks are a poor criterion of a man's knowledge on any subject. As an instance of their unreliability, witness the June examination in algebra, from which men who went in with term marks ranging from 8 to 8.4, came out with less than a six for a final. Yet with the 8.5 rule many men must be judged by these marks alone. Hence it is urged, the examination is needed to submit every man's knowledge to a critical test.

Then with the 8.5 rule in operation, all the smart men are enabled to leave town before the examinations, and, this being especially the case at Christmas, there is left no one to whom the less gifted men can turn for information and enlightenment, and so they often

flunk, just for the lack of a little help at critical points.

To summarize then, it is claimed that an abolition of the rule will bring about better study, will enable a professor to judge more accurately of a student's knowledge, and will be of great advantage to the duller students. These are the facts brought out to justify a verdict against the rule. Every student knows the arguments on the other side of the question, and it is not necessary to repeat them here. During this term the two plans will work side by side and the evidence for the case will accumulate. It rests with the students whether that evidence shall be of such a character as to tend to the abolition of the rule or to its complete re-establishment.

MAX.

RESOLUTIONS

DROWSILY, dreamily sitting
Thinking of things of yore—
Rapidly, wilfully flitting
Searching my being o'er,
Cruelly my thoughts awaken
Many a festering sore—
Of purity—truth forsaken
To be regained no more.

Resolutions made in my sorrow,
Forgotten without delay.
Fading ere the coming to-morrow
Replaces the sad to-day.

DE ALUMNIS.

[Contributions to this Department are solicited.]

'78.—H. C. Wilson, C. E., is the general manager of the Pilot Mining Co., his address being P. O. box 807, Aspen, Col.

'79.—J. H. Paddock, M. E., is located at Seisecuring, Pa.

'80.—F. P. Spaulding, C. E., after spending September in Bethlehem, returned South. His address is Greenville, Miss.

'82.—E. H. Lawall, C. E., accepted in July last the position of superintendent of the N. Y. S. & W. R. R. His address is Scranton.

'82.—L. O. Emmerick, E. M., will carry on the business interests of civil and mining

engineering to which E. H. Lawall, '82 used to attend.

'83.—H. A. Porterfield, E. M., has recently been appointed engineer of tests for the Cambria Iron Co., Johnstown, Pa.

'84.—The address of J. A. Jardine, E. M., is care of the Alabama National Bank, Birmingham, Ala. He is employed as mining engineer by an iron company not yet organized.

'85.—W. N. Edson, C. E., is superintendent for the Berlin Iron Bridge Co., East Berlin, Conn.

J. H. Wells, C. E., '85, and E. A. Wright, C. E., '89, are both with J. D. & T. E. Crimmins, contractors, 1043 Third Avenue, New York City.

'86.—C. H. Veeder, M. E., is with the Thomson Houston Electric Co., Boston, Mass.

'86.—J. H. Brown, C. E., is an assistant division engineer on the East Tennessee, Virginia & Georgia Railroad, his address being Atlanta, Ga.

'89.—S. E. Berger, B. A., is instructor in Greek and Latin in the Philadelphia Central High School.

'89.—A. W. Stockett, C. E., is on the engineer corps of the Central Railroad of New Jersey, and his headquarters are at Mauch Chunk.

KERNELS.

—Lloyd is captain of the Sophomore Football Team.

—Downey, Rust and Woodcock form the Athletic Committee of '92.

—Denman is the Lacrosse, Downey the Foot Ball and McClung the Base-Ball Manager of '92.

—Dr. C. (in Literature and History)—“Mr. B., what does the Iliad treat of?”

Mr. B.—“I don't know!”

—The old board walk leading between the Physical Laboratories to Packer Avenue, has been torn up and replaced by a gravel path.

—During the practice game on the 27th of September, Warriner kicked a very pretty goal from the field from the twenty-five yard line.

—Matter intended for '91's Epitome may be handed to any member of the Board, which consists of the following men: Morris, Hayes, Hillman, Sohon, Miller, Coxe, Barrios, Lauderburn and Paine.

—This term the 8.5 rule will not apply to any of the subjects in Civil or Mechanical Engineering, and the chances are that it will not apply to freshman mathematics.

—Mr. O., (in despair over a problem in Analytics)—“I give it up”

Prof. D. (severely)—“If you can not go through this University without using slang, you had better leave.”

—The Senior Civil Engineers and the Fifth Year Miners have begun astronomical work in the Sayre Observatory with Prof. Doolittle. The result of their observations will be reduced by the class next term.

—That estimable society, the Alpha Omega, has as yet received no members from '93, but it is hoped that there will be some initiations very soon, as there are a number of freshmen who would do credit to the society.

—Sawtelle, '93, wore in the cane-rush a foot-ball jacket, which had participated in the rush between '90 and '91, and also in that between '91 and '92. The first time the jacket lost, the next it fought to a draw, but this year it was victorious.

—If there is anything in a name, then the same reason that caused us to expect '92 with Loomis, Olney and Wentworth on her rolls, to prove herself a class of students, leads us to the inevitable conclusion that '93, characterized by the names of Heller and Schwinghammer, will be essentially athletic in composition.

—After looking at her first class picture, '93 decided that it was not large enough and

that a second one should be taken. And taken it was; the place being the steps of the Chemical Laboratory and the time, immediately after the Hygiene lecture on September 27. There were a few Sophomores present but they were powerless to interfere.

—After the '92-'93 foot-ball game, the Sophomores lined up outside of the gate of the Athletic Grounds and began to guy the Freshmen as they came out. '93 stood it for awhile, but soon she lost her temper and started to rush the Sophomores off of the high ground on which they were standing. For fifteen minutes the struggle went on and then '93 stopped, with '92 still in possession of her vantage ground.

—Since the beginning of the present college year the Rev. J. W. Kaye, of Philadelphia, has acted as the temporary chaplain of the University. THE BURR takes pleasure in voicing the expression of satisfaction which it has repeatedly heard with the manner in which this office has been filled, and the hope that Mr. Kaye will remain as permanent chaplain. It is a most difficult position; but we believe he will fill it very acceptably.

—A small-sized rush in which about twenty Sophomores and fifty Freshmen were engaged, occurred on Saturday night, September 28, near the corner of Brodhead Avenue and Fourth Street. The darkness was intense and in consequence '93 fought '92 as often as she did '92, and vice versa. The rush lasted nearly twenty minutes and it afforded excellent practice to '93 for the decisive battle of the next week. Both sides claim the victory.

—On Friday night the 5th, the Freshmen were out with posters on the cane rush and they succeeded in placarding both towns fairly well, but some Sophomores followed them very closely and removed nearly every one of the offending documents before morning. On Saturday night however, '93 came out with some more, and these were to be seen Sunday

morning on fence and post and bridge, where they are likely to remain until they succumb to the elements.

—The foundations are already laid for an enlargement to Packer Hall which is to contain three rooms. It will be supported on arches over the roadway back of Packer Hall so that the entrance will be from the first landing to the stairs in the west hall of that building. One of the rooms is intended for the President, one will be used by the faculty, and the third will be a waiting room. The addition is to be built of the same stone and similar in architecture to the main building.

—Those who received prizes on Commencement Day: Walton Forstall, Chicago, Ill., obtained the Wilbur Scholarship. In the Freshman Class, C. M. Case, Minneapolis, Minn., and C. O. Wood, Chambersburg, Pa., were awarded prizes in Mathematics; J. T. Bassell, jr., Leesburg, Va., and A. E. Lister, Carbondale, Pa., in Modern Languages; R. J. Snyder, Bethlehem, Pa., in freehand drawing; R. J. Snyder and A. E. Lister received the prizes offered by Mr. J. J. Flather for excellence in mechanical drawing.

—Class officers: Senior Class—President, J. B. Cullum; Vice President, F. R. Fisher; Secretary, T. C. J. Baily, jr.; Treasurer, E. J. Prindle; Athletic Representative, F. R. Coates.

Junior Class—President, H. W. Biggs; Vice President, M. D. Sohon; Secretary, W. A. Heindle; Treasurer, P. M. Paine; Historian, F. C. Lauderburn; Athletic Representative, E. Vander Horst.

Sophomore Class—President, R. J. Snyder; Vice President, C. M. Case; Secretary, C. M. Hobbs; Treasurer, G. E. Gay; Historian, H. W. Du Bois; Athletic Representative, R. A. Downey.

Freshman Class—President, E. M. Sawtelle; Vice President, G. C. Hutchinson; Secretary, R. R. Ferriday; Treasurer, F. P. Fuller; Athletic Representative, C. W. Throckmorton.

—Smarting under the loss of the cane rush, '92 came on the field on Monday afternoon, Oct. 7th, with the determination of beating '93 in foot-ball. It was generally conceded that the chances were in favor of the Sophomore team, but still there was a strong possibility that '93 might evince unexpected strength and win. At 4.20 the game began, with '92 in possession of the ball and defending the east goal. After they had gained twenty yards or more the ball was lost to '93, whose half-backs, by a succession of good runs, brought it to the ten yard line where on four downs it went to '92. As a last resort, '92 kicked and '93 made a free catch but failed in the try for goal. '92 started on the twenty-five yard line and rushed nearly to the centre before the fourth down came. The half closed with the ball in '92's territory. Soon after the second half began, Howard made a touchdown for '93 and Hutchinson kicked the goal. When the teams lined up again Downey and Blont changed places, the former leaving the rush line to play half-back. Downey and McClung then began a series of rushes that, after the ball had changed sides several times, forced a safety. The same two by good running, when '93 had lost the ball near the twenty-five yard line, enabled Downey to make a touch-down, tying the score, to the intense gratification of '92. No goal resulted, but as soon as '92 again had the ball, Blont and McClung carried it almost to the line and Downey made the second and last touch-down. No goal was made as the try at free catch failed and the game ended with the teams on the fifth white line from '93's goal, with the Sophomores the winners by a score of 10 to 6. The game, owing to its closeness, was very interesting, but both sides showed marked lack of practice. In the first half the Freshmen played the better game, in the second the Sophomores. For '92, Blont, Downey and McClung excelled, while Floyd, Hutchinson and Howard were the best players on the Freshman team.

ATHLETIC NOTES.

—Harvard and Yale are said to have good pitchers in their incoming classes.

—An effort is being made at Cornell to revive interest in lacrosse.

—The annual foot-ball game between Yale and Harvard will be played at Springfield.

—Sherrill, Yale's famous sprinter, has returned to take a post-graduate course in electricity.

—In the annual rush between the Sophomores and Freshman at Cornell, the Sophomores were victorious.

—A training house is now building at Harvard, on the site of the old Hasty-Pudding House, at a cost of about \$35,000.

—Yale has given up her class boat races in the Fall, as they interfere materially with the training for the foot-ball eleven.

—The unusually large Freshmen Class at Yale this year is said to be due to Yale's great performance in athletics during the past season.

—Wells, who run the mile run for Amherst last Spring in the Inter-collegiate, will run for Yale this year. He is a student in the Divinity School.

—Professor Richards of Yale, having examined the records of 2425 students, finds that the athletes fall very slightly behind the non-athletes in scholarship.

—The Princeton graduate advisory committee have recently signed a contract for enlarging the athletic field. The new field will be double the size of the present one, and will afford ample room for two foot-ball fields and two base-ball diamonds. The grand stand will be moved to a much better position. The new running track will be prepared with great care under the supervision of James Robinson, the University trainer, and George Goldie, trainer for the New York Athletic Club. Work on the new field will be commenced immediately.

EXCHANGES.

—The *Amherst Student* comes regularly, and congratulates herself as well as the college at large, that the Freshman Class this year exceeds in numbers that of either Williams or Dartmouth.

—The appearance of the *Cornell Era* is radically changed by a new cover. The familiar cut of an oak branch full of acorns, its wreath of laurel, inkstand and pens, etc., has been laid away and in its place substituted a simple but very pleasing cornellian and white covering.

—The *Cornell Daily Sun* in a recent issue reprints a portion of one of the editorials in our last number relating to football relations between the two institutions, and assures us that we will receive the same courteous treatment at Ithaca, as we have promised their supporters at Bethlehem.

—The *Pennsylvanian* is on our table and seems agitated about the action that their Faculty has recently taken in regard to co-education. While it professes to remain neutral in the matter, so far as the expression of opinion goes at least, yet reading between the lines one finds plenty of evidence that the views of the *Pennsylvanian* and the Faculty do not coincide. It is probable that the former voices the sentiment of the students at large.

—Rau, '88, has recently published a *brochure* entitled "The Formation of Modern Europe." Mr. Rau's idea, evidently, was to trace an origin of the causes of the formation of the western European nations. A new theory as to the origin of the Huns is advanced, which will undoubtedly prove very interesting to the historical student. In the final chapter the direct and indirect effects of the Barbarian invasion are summarized. The book is written in a logical, forcible style, and drew a commendation from the literary columns of the *New York Tribune*, rarely accorded to young writers on such subjects.

COLLEGE NOTES.

—The Class of '93 at Williams is the centennial class of that institution.

—The *Cornell Daily Sun* has instituted the carrier system in delivering papers.

—During the last academic year Yale received gifts amounting to \$200,000.

—The Dearborn Observatory, erected to hold the great telescope of Chicago University, is finished.

—The *Yale News* is now publishing a Saturday edition, making an issue of six editions each week.

—Students who use tobacco in any form, are denied admission to the University of the Pacific, at San Jose, Cal.

—At the Ohio Wesleyan University the Faculty is obliged to excuse 100 students from chapel exercises to make room for the remainder.

—Professor Todd of Amherst, will conduct an expedition to Africa early in December for the purpose of making an observation of the eclipse of the sun.

—Regular military instruction is to be given the students in the Sheffield Scientific School at Yale. Lieutenant Totten, U. S. A., will have charge of the course.

—By an act of legislature of Virginia, merchants and others are prohibited, under severe penalties, from crediting students attending educational institutions in that state—*Ex.*

—Miss C. W. Bruce of New York City has given \$50,000 to the Astronomical Observatory of Harvard, to be devoted to a photographic telescope of twenty-four inches aperture and eleven feet focal length.

—The Faculty of the University of Pennsylvania recently recommended by the overwhelming vote of 19 to 2, that women be admitted with men upon the same scholastic basis, in the classes of the collegiate department. Before, however, this proposed change can take place, the action of the Faculty must be ratified by the trustees.

CLIPPINGS.

VERSE.

WHEN twilight's gloom enshrouds the lake,
In a mystical shadowy haze
'Tis then I love with oars to break
Her bosom silvered by our wake
Into the dancing ripples maze.

'Tis then that softly o'er me steal
With a phantom-like, shadowy pace,
The thoughts, the hopes of future weal,
The shrine at which we always kneel,
The image of a loved one's face.

Fast crowding then come all my thoughts
From a reckless and sorrowful brain,
The lake's deep calm and holy sleep
Upon my thought their vigils keep
And curb them and still them again.

—*Cornell Era.*

SIGNS OF THE TIMES.

WHEN freshmen first arrive,
Although they may be bold,
You'd never take one for a Soph.,
Or upper classman old.
There's something in their looks, you know,
By which they can be told.

But after six months' discipline
They really do progress,
They act much more like college men
In manners and in dress.
Some often grow quite dude and tough,
I really must confess.

And then, as if to mark them out,
An honor they obtain,
So, after Washington's birthday,
A freshman still is plain.
How could one be mistaken, when
He bears the "mark of Cain?"

—*Yale Record.*

TRUE FRIENDSHIP.

TWO bright rain-drops fell together
Toward the summit of a hill:
Happy passage till they sever,
Finding each a separate will.

To this river, to that river,
Each one starts his different way.
"Wait," cried one, "I must deliver
One brief word while yet I stay."
"This dear friendship sure will brighten
All my journey to the sea;
Speak, my friend, and will it lighten
Some small care as well for thee?"

Then came o'er the hill-top flying
Words a few, but none more sweet
"On your memory I'm relying;
May we in the ocean meet."

—*Dartmouth Lit.*

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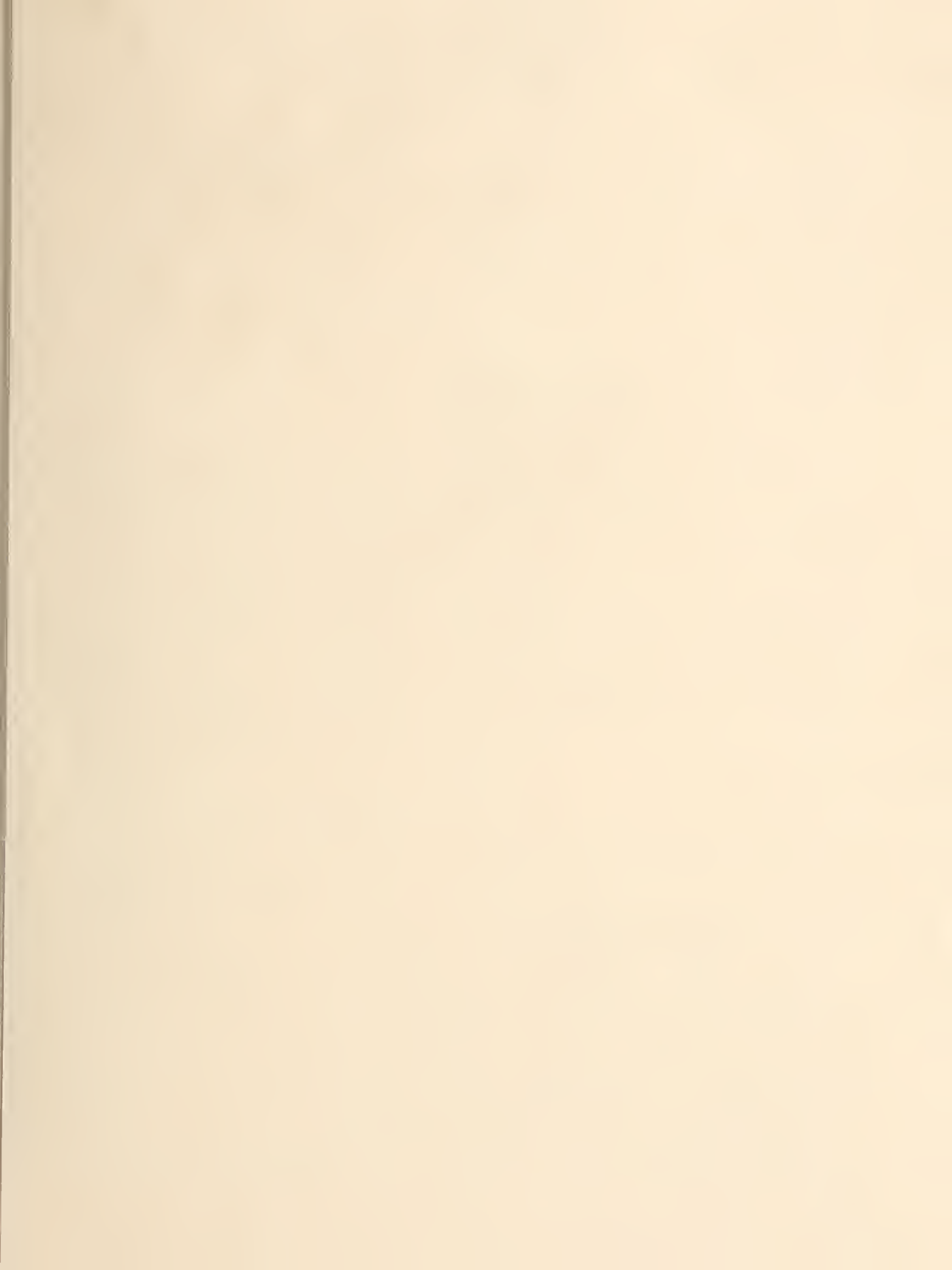
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